

HEV Fleet Testing

Advanced Vehicle Testing Activities



2001 Honda Insight

VIN #
JHMZE14711T002487



*Less dependence
on Foreign oil,
and eventual
transition to an
emissions-free,
petroleum-free
vehicle*

Fleet Performance

Description:

This vehicle was operated out of the motor pool of the Grand Canyon Chapter of the American Red Cross. The majority of trips were for employee transportation in the Phoenix, Arizona metropolitan area using both surface streets and urban freeways. The vehicle was used infrequently for out of town travel, with typical travel distances of 100 to 300 round trip miles.

Major Operations & Maintenance Events:

Inner fender liner loose, hitting bumper
Cost: under warranty

Operating Cost:

Purchase Cost: \$22,887 (9/01)*
Kelly Used Vehicle Price: \$13,175 (2/03)
Sale Price: \$13,500 (2/03)
Maintenance Cost: \$0.04/mile
Operating Cost: \$0.12/mile
Total Ownership Cost: \$0.65/mile

Operating Performance:

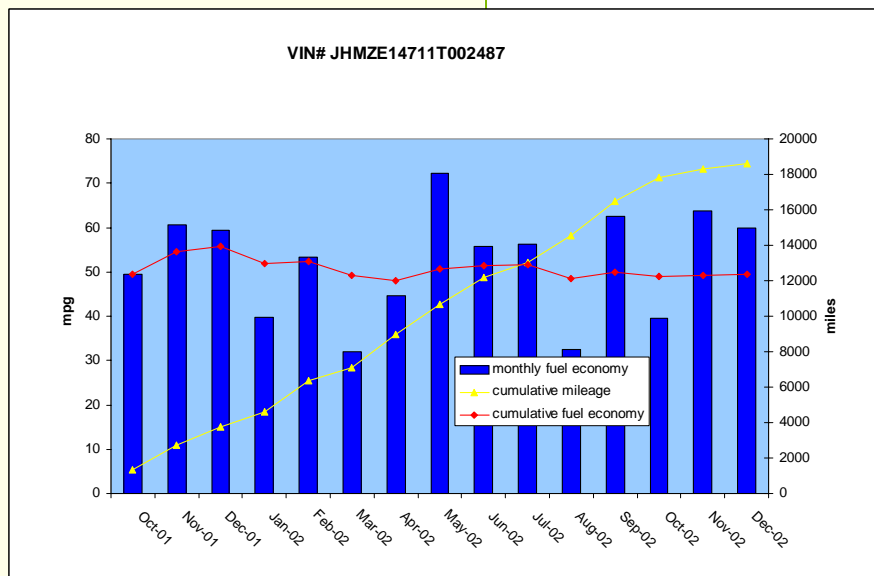
Total miles driven: 18,612
Cumulative MPG: 49.36

* Purchase includes dealer price with options plus taxes. It does not include title, license, registration, extended warranty or delivery fee costs. Gas figured at \$1.80/gallon.

Vehicle Specifications

Engine: 3-cylinder, 48 kW @ 5700 rpm
Electric Motor: 10 kW
Battery: Nickel Metal Hydride
Seatbelt Positions: Two
Payload: 411 lbs
Features: Regenerative Braking
CVT Transmission

See HEVAmerica Baseline Performance Fact Sheet for more information.



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**Energy Efficiency
and Renewable Energy**